

Inventor: Harold Keith

Invention Name: LapDesk1400

Date: 06/3/05

AMENDMENT

**RECEIVED
CENTRAL FAX CENTER**

JUN 03 2005

Please Amend the Title of Invention

Title of Invention

The title of this invention is called "~~LapDesk1400-Wireless Remote Control Portable Device Which Transmits Secure Signals To A Host Computer~~". ~~The title derives from Laptop and Desktop. Combining laptop technology with the speed and ease of upgrading components on a desktop.~~

Inventor: Harold Keith**Invention Name: LapDesk1400****Date: 06/3/05****AMENDMENT**

Please amend Brief Summary Of The Invention.

Brief Summary Of The Invention

LapDesk1400 is wireless technology combined with laptop technology. LapDesk1400 consist of a base unit and a User Interface Unit (UIU). The base unit has a powerful antenna sending and receiving information from the UIU, a jack for a longer range antenna (optional), and also has several connections that go directly to the users desktop. These connection cables coming from the base unit to the desktop will provide for an automatic signal bypass for monitor, keyboard, mouse, joystick, speakers, and microphone. The second version of the base unit will work the same as the prior stated version with the exception of the connection cables which will be replace with one cable for the monitor and one USB connection which will interface with desktop devices as prior stated devices. The UIU consist of an active flat screen, processor, keyboard, touch pad mouse, speakers, microphone, and jacks for an external joystick, mouse and keyboard and a small antenna.

Inventor: Harold Keith**Invention Name: LapDesk1400****Date: 06/3/05****AMENDMENT****Please amend Brief Description Of The Several Views Of The Drawing****Brief Description Of The Several Views Of The Drawing****FIG. 1 - UIU Front side view**

1. Mouse buttons commands are converted into signals which are transmitted to the Base Unit that converts the signals back into commands and sends to mouse port.
2. Stereo speakers that receives audio signals from Base Unit that converts remote computer audio output into signals.
3. The UIU device has a headphone port for optional listening.
4. Digital joystick port commands are converted to wireless signals and received by the Base Unit which convert the signal into commands and routes the commands to the joystick device port.
5. Power indicator lights show signal strength, battery strength, and power status.
6. Fold down Power Antenna allows user to conceal antenna for safe storage.
7. Locking latch secures screen and antenna.
8. Microphone commands are converted to wireless signals and received by the Base Unit which converts the signal into commands and routes the commands to the microphone device port.
9. The UIU will receive display signals to a SXGA high resolution color screen receives for the Base Unit that converts the signal from the remote computer.
10. The UIU contains one button for power operations.
11. The UIU device contains a heavy-duty keyboard which commands are converted into signals and received by the Base Unit, the signals are converted again back into commands that are sent to the keyboard port.
12. A touch pad mouse or ball roller type mouse will be included on the UIU device which commands are converted into signals which are transmitted to the Base Unit that converts the signals back into commands and sends to mouse port.

FIG. 2 - Base Unit 1

1. The Base Unit has a power indicator light that will remain on during operation.
2. The Base Unit has a connection indicator light that will show connection and activity.
3. The Base Unit has double ply data cables with signal pass-through connectors.
4. Microphone and external speaker male and female pass-through connectors allow users to plug the remote device into connector and also plug pass-through connector into remote computer's microphone and external speaker.
5. Joystick pass-through connectors allow users to plug the remote device into connector and also plug pass-through connector into remote computer's joystick port.
6. Keyboard connectors allow users to plug the remote device into connector and also plug pass-through connector into remote computer's keyboard port.
7. Monitor connectors allow users to plug the remote device into connector and also plug pass-through connector into remote computer's monitor port.
8. Mouse connectors allow users to plug the remote device into connector and also plug pass-through connector into remote computer's mouse port.
9. Power port will fit standard power supply.
10. Digital high powered antennae will send/receive encrypted signals to/from UIU device.

FIG. 3 - Base Unit 2

1. Power indicator lights show signal strength, battery strength, and power status.
2. The Base Unit has a connection indicator light that will show connection and activity.
3. The Base Unit has double ply data cables with signal pass-through connectors.
4. The Base Unit has a USB connection which acts as a mouse, keyboard, joystick, audio device with speakers and microphone devices connected to the remote computer.
5. Monitor connectors allow users to plug the remote device into connector and also plug pass-through connector into remote computer's monitor port.
6. Power port will fit standard power supply.
7. Digital high powered antennae will send/receive encrypted signals to/from UIU device.

Inventor: Harold Keith

Invention Name: LapDesk1400

Date: 06/3/05

AMENDMENT

Please amend Brief Description Of The Several Views Of The Drawing

Brief Description Of The Several Views Of The Drawing

FIG. 4 - UIU Rear view

1. Locking latch secures screen and antenna when closed.
2. Power port will fit standard power supply
3. A heavy-duty Screen hinge allows user long lasting ability to open and close UIU device.
4. The UIU device will have a high capacity battery that fits within the unit.
5. Fold down Power Antenna allows user to conceal antenna for safe storage.

Inventor: Harold Keith**Invention Name: LapDesk1400****Date: 06/3/05****AMENDMENT**

Please amend the Detailed Description of the Invention

Detailed Description Of The Invention

LapDesk1400 allows a user to communicate with wireless technology to a remote control device called the Base Unit that is connected to the desktop and it's devices or simulated through a USB connection to device interrupts. The Base Unit then converts signals going to the monitor, external speakers, mouse and joystick to a encrypted signal with random seeds for security. These signals are transmitted to a portable device called the UIU (User Interface Unit). The UIU decodes the signals and converts it back into it's original signal and directs the signal to its appropriate devices located on the portable device.

Once encrypted signal is authenticated with a security code, access will be granted for a remote access session. Remote access security is maintained by encrypting the security code within every signal transmitted between the UIU and Base Unit. The base unit has a number that is stamped on the bottom that corresponds to it encrypted signal. The signal generated from the UIU is then verified with the number known to the base unit as a second security measure.